ABSTRACT

The present invention concerns novel benzenesulphonamide compounds, defined by formula I

$$R_{3}$$
 R_{4}
 R_{4

in which R₁, R₂, R₃, R₄ each independently represent one atom or group of atoms selected from a hydrogen atom, halogens, C₁-C₃ alkyl groups, C₁-C₃ alkoxy groups, CF₃ or OCF₃ groups; R_a represents a C₁-C₄ alkyl group; Y represents a saturated C₂-C₅ alkylene group, optionally interrupted by an oxygen atom, an unsaturated C₂-C₄ alkylene group, or a -CH₂-CO-NH-CH₂- group; X represents CH or a nitrogen atom; p represents 2 or 3; A represents a single bond, a nitrogen atom optionally substituted with a methyl group, or a straight or branched C₁-C₅ alkylene group, optionally hydroxylated or of which one of the carbon atoms is oxidized into a ketone function, provided that A and X together do not represent a nitrogen atom; and B represents a nitrogen-containing heterocycle or an amine group optionally substituted with one or two C₁-C₄ alkyl groups. Therapeutic compositions comprising the benzenesulphonamide compounds of the invention or salts thereof and methods for producing the benzenesulphonamide compounds of the invention are also disclosed. The benzenesulphonamide compounds of the invention or salts thereof are useful for treating pain, such as hyperalgesia and major algesia.